

Drug delivery devices

Bar-coded
Bolus
Syringes

Infusion
Pumps

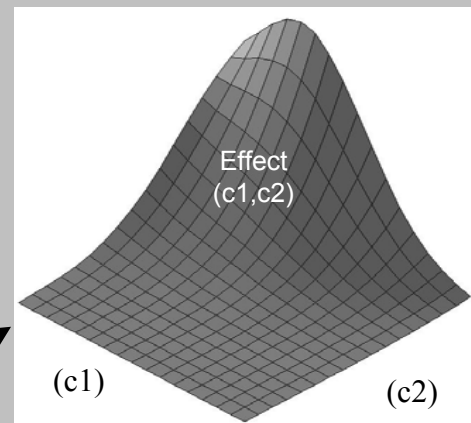
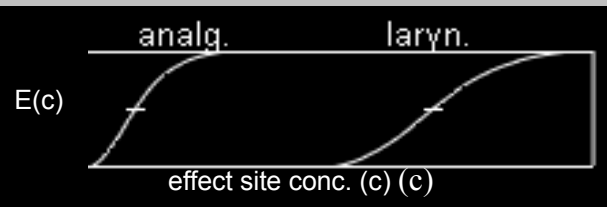
(V₂)
Rapid Peripheral
Compartment

(V₁)
Central Compartment

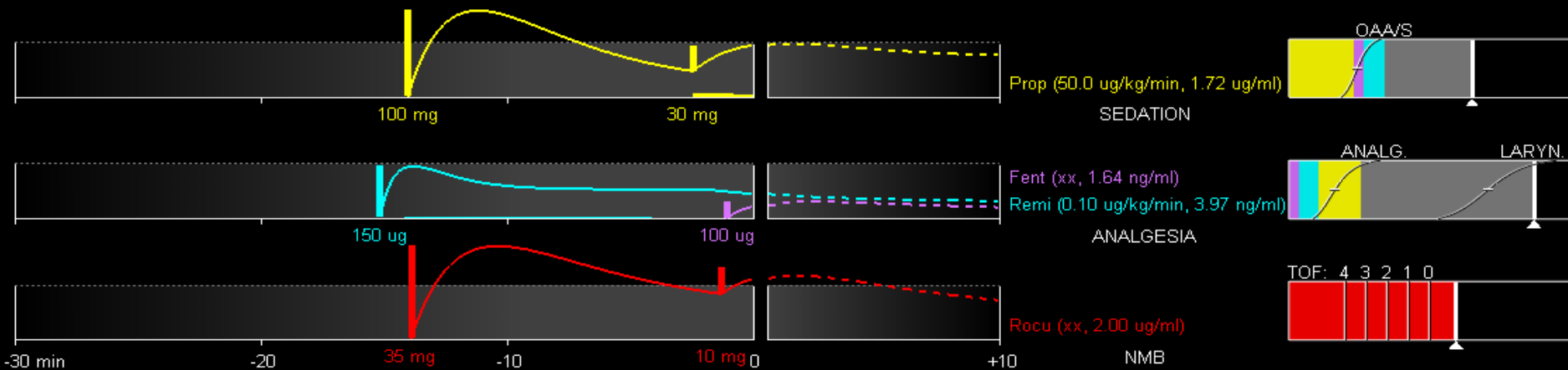
(V₃)
Slow
Peripheral
Compartment

Pharmacokinetic
Models

(V_e)
Effect Site



Pharmacodynamic Modeling



Real-time Graphical Presentation of Intravenous Drugs